

MATERIAL SAFETY DATA SHEET

OFFICE OF ASHLAND OIL INC.

P.O. BOX 2219, COLUMBUS, OHIO 43260 • (614) 688-2800

DPM-5992

002502

TRICHLORETHAN 111 DEGRS COLD/V

PAGE: 1

ACCEPTED BY O.S.H.A. AS ESSENTIALLY SIMILIAR TO O.S.H.A. FORM 20

24-HOUR EMERGENCY TELEPHONE: 606-324-1133 (LOCATED AT ASHLAND, KENTUCKY)

ASHLAND PRODUCT NAME: TRICHLORETHAN 111 DEGRS COLD/V

MCDONALD DOUGLAS CORP.
P.O. BOX 2731
LONG BEACH CA 90801

05 50 033 5754560-
DATA SHEET NO: 0001466-006
LATEST REVISION DATE: 08/81-81217
PRODUCT: 3968500
INVOICE: 910219
INVOICE DATE: 02/11/83
TO: MCDONALD DOUGLAS
GATE #5
2900 E. COVER ROAD
LONG BEACH CA 90846

ATTN: PURCHASING/SAFETY DEPT.

SECTION I-PRODUCT IDENTIFICATION

GENERAL OR GENERIC ID: CHLORINATED HYDROCARBON

HAZARD CLASSIFICATION: (99) NOT APPLICABLE

SECTION II-HAZARDOUS COMPONENTS

INGREDIENT	PERCENT	PEL	*
CHLORINATED HYDROCARBON	>60 %	350 PPM	

SECTION III-PHYSICAL DATA

PROPERTY	REFINEMENT	MEASUREMENT
INITIAL BOILING POINT	FOR PRODUCT	165.00 DEG F (73.88 DEG C) @ 760.00 MMHG
VAPOR PRESSURE	FOR PRODUCT	100.00 MMHG (68.00 DEG F) (20.00 DEG C)
VAPOR DENSITY	AIR = 1	4.5
SPECIFIC GRAVITY		1.306 (77.00 DEG F) (25.00 DEG C)
PERCENT VOLATILES		100.00 %
EVAPORATION RATE	(ETHER = 1)	2.60

SECTION IV-FIRE AND EXPLOSION DATA

FLASH POINT(CLOSED CUP) NOT APPLICABLE

LOWER EXPLOSIVE LIMIT (PRODUCT) 6.7 %

EXTINGUISHING MEDIA: WATER FOG

HAZARDOUS DECOMPOSITION PRODUCTS: MAY FORM TOXIC MATERIALS: CARBON DIOXIDE AND CARBON MONOXIDE, HYDROGEN CHLORIDE, PHOSGENE, VARIOUS HYDROCARBONS, ETC.

SPECIAL FIREFIGHTING PROCEDURES: WATER MAY BE USED TO KEEP FIRE-EXPOSED CONTAINERS COOL UNTIL FIRE IS OUT.
SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE.

UNUSUAL FIRE & EXPLOSION HAZARDS: NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY.

SECTION V-HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL: 350 PPM

EFFECTS OF OVEREXPOSURE: FOR PRODUCT

EYES - CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING, BLURRED VISION.
SKIN - PROLONGED OR REPEATED CONTACT CAN CAUSE MODERATE IRRITATION, DEFATTING, DERMATITIS.
BREATHING - EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, POSSIBLE UNCONSCIOUSNESS, AND EVEN ASPHYXIATION.
SWALLOWING - CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA.

FIRST AID:

IF ON SKIN: THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. LAUNDRY CONTAMINATED CLOTHING BEFORE RE-USE.

IF IN EYES: FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY, GET MEDICAL ATTENTION.

IF SWALLOWED: DO NOT INDUCE VOMITING. CALL PHYSICIAN OR TRANSPORT TO AN EMERGENCY FACILITY

CONTINUED ON PAGE: 2

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